

**Your Document Number (same as in header)**

**Defense Information Infrastructure (DII)**

**Common Operating Environment (COE)**

**Application Program Interface Reference Manual (APIRM) for  
(name and version of software/segment)**

**Document Version (if applicable)**

**Date**

**Prepared for:**

**Defense Information Systems Agency**

**Prepared by:**

**Your Company Name  
and Address**



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## Notes on Using the Template

1. Refer to Section 3.1 and 3.2 of the *DII COE Developer Documentation Requirements* for format requirements and guidelines for using the templates.
2. This template has been formatted for a small document (12 pages or less) and double-sided reproduction. Section headings are left adjusted (refer to Section 3.1.4 item 4 of the *DII COE Developer Documentation Requirements*) and are not required to begin on a new odd page.

### **1. Scope**

#### **1.1 Identification**

This paragraph shall contain a full identification of the system and software. It must provide the identifying number(s), title(s), abbreviation(s), version number(s), the release number(s), and the associated COE version number(s), as applicable. Identification must include the operating system platform(s) to which this document applies.

#### **1.2 System Overview**

This paragraph shall provide a brief description of the general nature, purpose, and function of the system and software.

### **2. Referenced Documents**

Provide a list of documents referenced in this document. List each document by document number, title, version/revision, and date. Identify the source for all documents not available through the Government.

### **3. API Overview**

Provide an overview of the public or COE approved APIs included in the subject software/segment. List the APIs covered in this document and include a brief description of the general functionality performed, as applicable. Provide references to additional sources of information about the APIs described in this document.

### **4. Name of the API General Function**

This and subsequent sections may be organized by functionality or as required to present the API details. For example, section 4 may be printer APIs and section 5 may be message processing APIs. Provide subsections as needed to describe each API in detail.

## **4.1 Name of API**

Describe each API and include details concerning when and how a programmer may use the subject API. Details may be organized in any consistent manner best suited to presenting the information.

Provide the following details for each API, as applicable:

- C Function Name - brief description of the function
- C Synopsis - calling syntax, including arguments and the return type
- C Parameters - describe each parameter used by the function
- C Description - describe what the function does, including events and impacts
- C Returns - describe what the function returns
- C Notes - additional information about the function
- C Example - how to use the function

## **5. Notes**

Provide general information to assist in the understanding of this document. May include a list of acronyms and abbreviations, and a list of terms and definitions.

### **A. Appendices**

Appendices may be used to provide additional information published separately for convenience in document maintenance. The appendices shall be referenced in the main body of the document, where applicable.